DIRECTIONS: In the following exercises, V denotes the vertex of a parabola, F the focus, and D the directrix. Two of these are given. Find the third.

1. $V(4,2); D: y = -3$ $F(4,7)$

2. $D: y = 2; V(2,4)$ $F(2,6)$

3. $V(0,2); F(0,0)$ $D: y = 4$

4. $F(-3,-1); V(1,-1)$ $D: x = 5$

5. $F(1,-2); V(1,-5)$ $D: y = -8$

6. $D: x = -2; F(2,0)$ $V(0,0)$